

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 10:50:04

Date of Next Testing: 2029-08-19 10:50:04

Product Name: **Mercuric nitrate Monohydrate**

CAS Number: 7783-34-8

Specifications & Purity: AR

Lot #: H2514509

SKU #: **M112952**

Version: **4**

Analysis #: **547891**

Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay (titration with KIO ₃)	98-100 (%)	99.51000 %
Basic mercurous salts(HgO)	0-3 (%)	0.35200 %
Ignition Residue	0-0.02 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00150 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.02000 %
ICP:Confirms Hg Component	Confirmed	Confirmed
Solubility(0.5026g,10ml,HNO ₃)	Conform	Conform
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Mercurous (Hg ⁺)	Pass	Pass



John Su
QA & QC Manager